

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A method of controlling a total mixing system including a first mixing system and a second mixing system, which are operated in a linked manner with each other, the method comprising:

a first storage step for storing first scene data specifying contents of a mixing process
~~matching a scene into said first mixing system;~~

a second storage step for storing second scene data specifying contents of a mixing process
~~matching a scene into said second mixing system;~~

a first transmission step for transmitting a scene recall request from said first mixing system to said second mixing system when a recall event of said first scene data occurs in said first mixing system;

a second transmission step for transmitting back a recall enabling response from said second mixing system to said first mixing system after said second mixing system receives said scene recall request;

a first reconstruction step for reconstructing the contents of the mixing process by said first mixing system on the basis of said first scene data after the reception of said recall enabling response by said first mixing system; and

a second reconstruction step for reconstructing the contents of the mixing process by said second mixing system on the basis of said second scene data after the transmission of said recall enabling response by said second mixing system.

Claim 2 (original): The method according to claim 1, further comprising a recall start command transmission step for transmitting a recall start command to said second mixing system after said recall enabling response is received in said first mixing system, wherein said first reconstruction step is executed in said fist mixing system after the completion of said recall start command transmission step, and said second reconstruction step is executed after the reception of said recall start command by said second mixing system.

Claim 3 (original): The method according to claim 2, further comprising a parameter transmission step for transmitting linked parameters of the mixing process linked between the first mixing system and the second mixing system to said second mixing system after the reception of said recall enabling response by said first mixing system, wherein said recall start command transmission step is executed after the end of said parameter transmission step.

Claim 4 (original): The method according to claim 1, wherein the total mixing system includes a plurality of mixing systems which are interconnected to each other, each mixing system being capable of inputting and outputting a talk signal and outputting a monitor signal, the method further comprising:

a determination step for determining whether said plurality of said mixing systems can operate in a cooperative manner with one another; and

an influencing step for influencing a talk signal in one mixing system to a monitor signal in another mixing system if said plurality of said mixing systems are found capable of operating in a cooperative manner.

Claim 5 (original): The method according to claim 4, wherein each of said plurality of said mixing systems has at least one console in which said monitor signal is received and in which a talkback signal is outputted as said talk signal, and wherein

said influencing step mixes the talkback signal in said one mixing system with the monitor signal in said another mixing system.

Claim 6 (original): The method according to claim 4, wherein each of said plurality of said mixing systems has at least one console in which said monitor signal is received, a talkback signal is outputted as said talk signal, and a volume of said monitor signal is automatically attenuated at the time of inputting said talkback signal, and wherein

said influencing step also attenuates a volume of a monitor signal in said another mixing system in a cooperative manner when said talkback signal is inputted in said one mixing system and the volume of said monitor signal in said one mixing system is automatically attenuated.

Claim 7 (original): The method according to claim 4, wherein each of said plurality of said mixing systems has at least one console in which said monitor signal is received and a communication signal is received as said talk signal from outside, and wherein

said influencing step mixes said communication signal supplied to said one mixing system with said monitor signal in said another mixing system.

Claim 8 (original): The method according to claim 7, further comprising, after said determination step and before said influencing step:

an adding step for adding a communication signal supplied to said one mixing system to a communication signal supplied to said another mixing system; and

a gate step for gating the added communication signal only if a signal level of said added communication signal exceeds a predetermined threshold level.

Claim 9 (original): The method according to claim 1, wherein the total mixing system includes a plurality of mixing systems which are interconnected to each other, each mixing system being capable of outputting a talkback signal as the talk signal, the method further comprising:

a determination step for determining whether said plurality of said mixing systems can operate in a cooperative manner with one another; and

an output step for mixing the talkback signal in one mixing system with the talkback signal in another mixing system and outputting a resultant mixed signal as a talkback output signal in the respective mixing systems if said plurality of said mixing systems are found capable of operating in a cooperative manner.

Claim 10 (original): The method according to claim 1, wherein the total mixing system includes a plurality of mixing systems each having a digital mixer for mixing input signals of audio, the method further controlling a mixing process of one digital mixer, the mixing process comprising:

a first adding step for adding a plurality of input signals and outputting an input added signal;

a cascade output step for outputting said input added signal as a cascade signal;

a cascade input step for inputting another cascade signal inputted from another digital mixer;

a delay step for delaying said input added signal; and

a second adding step for adding said delayed input added signal and said inputted cascade signal with each other and outputting the resultant added signal as a mixing output signal.

Claim 11 (original): The method according to claim 10, wherein the mixing process further comprises an on/off step for turning on or off a link between said one digital mixer and said another digital mixer, such that the second adding step adds said delayed input added signal and said inputted cascade signal and outputs the resultant added signal as a mixing output signal if said link is turned on and otherwise the second adding step outputs said delayed input added signal as a mixing output signal without change if said link is turned off.

Claim 12 (original): The method according to claim 10, further comprising a determination step for determining whether said one digital mixer is capable of cooperating with said another digital mixer, such that said second adding step adds said delayed input added signal and said inputted cascade signal with each other and outputs the resultant added signal as said mixing output signal if the cooperation is found in said determination step.

Claims 13-32 (canceled)

Claim 33 (currently amended): A program embodied on a computer-readable medium and designed to run in a total mixing system including a first mixing system and a second mixing system which are operated in a linked manner with each other, the program for causing a computer to execute a method of controlling the total mixing system, wherein the method comprises:

a first storage step for storing first scene data specifying contents of a mixing process
~~matching a scene into said first mixing system;~~

a second storage step for storing second scene data specifying contents of mixing process
~~matching a scene into said second mixing system;~~

a first transmission step for transmitting a scene recall request from said first mixing system to said second mixing system when a recall event of said first scene data occurs in said first mixing system;

a second transmission step for transmitting back a recall enabling response from said second mixing system to said first mixing system after said second mixing system receives said scene recall request;

a first reconstruction step for reconstructing the contents of the mixing process by said first mixing system on the basis of said first scene data after the reception of said recall enabling response by said first mixing system; and

a second reconstruction step for reconstructing the contents of the mixing process by said second mixing system on the basis of said second scene data after the transmission of said recall enabling response by said second mixing system.

Claim 34 (previously presented): The computer program embodied on the computer-readable medium according to claim 33 for executing the method, which further comprises a recall start command transmission step for transmitting a recall start command to said second mixing system after said recall enabling response is received in said first mixing system, such that said first reconstruction step is executed in said first mixing system after the completion of said recall start command transmission step, and said second reconstruction step is executed after the reception of said recall start command by said second mixing system.

Claim 35 (previously presented): The computer program embodied on the computer-readable medium according to claim 33 for executing the method of controlling a total mixing system,

wherein the total mixing system includes a plurality of mixing systems which are interconnected to each other, each mixing system being capable of inputting and outputting a talk signal and outputting a monitor signal, and

wherein the method further comprises:

a determination step for determining whether said plurality of said mixing systems can operate in a cooperative manner with one another; and

an influencing step for influencing a talk signal in one mixing system to a monitor signal in another mixing system if said plurality of said mixing systems are found capable of operating in a cooperative manner.

Claim 36 (previously presented): The computer program embodied on the computer-readable medium according to claim 33 for executing the method of controlling a total mixing system,

wherein the total mixing system includes a plurality of mixing systems which are interconnected to each other, each mixing system being capable of outputting a talkback signal as the talk signal, and

wherein the method further comprises:

a determination step for determining whether said plurality of said mixing systems can operate in a cooperative manner with one another; and

an output step for mixing the talkback signal in one mixing system with the talkback signal in another mixing system and outputting a resultant mixed signal as a talkback output signal in the respective mixing systems if said plurality of said mixing systems are found capable of operating in a cooperative manner.

Claim 37 (previously presented): The computer program embodied on the computer-readable medium according to claim 33 for executing the method of controlling a total mixing system,

wherein the total mixing system includes a plurality of mixing systems each having a digital mixer for mixing input signals of audio, and

wherein the method further controls a mixing process of one digital mixer, the mixing process comprising:

a first adding step for adding a plurality of input signals and outputting an input added signal;

a cascade output step for outputting said input added signal as a cascade signal;

a cascade input step for inputting another cascade signal inputted from another digital mixer;

a delay step for delaying said input added signal; and

a second adding step for adding said delayed input added signal and said inputted cascade signal with each other and outputting the resultant added signal as a mixing output signal.

Claims 38-42 (canceled)

43 (new): A total mixing system comprising a first mixing system and a second mixing system, which are operated in a linked manner with each other,

wherein said first mixing system comprises:

a first storage that stores first scene data specifying contents of a mixing process;

a first transmission part that transmits a scene recall request from said first mixing system to said second mixing system when a recall event of said first scene data occurs in said first mixing system;

a first reception part that receives a recall enabling response from said second mixing system;

a first reconstruction part that reconstructs the contents of the mixing process of said first mixing system on the basis of said first scene data after the reception of said recall enabling response, and

wherein said second mixing system comprises:

a second storage that stores second scene data specifying contents of a mixing process;

a second transmission part that transmits said recall enabling response to said first mixing system after said second mixing system receives said scene recall request; and

a second reconstruction part that reconstructs the contents of the mixing process of said second mixing system on the basis of said second scene data after the transmission of said recall enabling response to said first mixing system.

44 (new): The total mixing system according to claim 43 wherein said first mixing system further comprises a recall start command transmission part that transmits a recall start command to said second mixing system after said recall enabling response is received by said first mixing system, such that said first reconstruction part reconstructs the contents of the mixing process of said first mixing system after the recall start command transmission part transmits said recall start command, and said second reconstruction part reconstructs the contents of the mixing process of said second mixing system after said second mixing system receives said recall start command.

45 (new): The total mixing system according to claim 43,
wherein the total mixing system includes a plurality of mixing systems which are
interconnected to each other, each mixing system being capable of inputting and outputting a talk
signal and outputting a monitor signal, and
wherein the total mixing system further comprises:
a determination part that determines whether said plurality of said mixing systems can
operate in a cooperative manner with one another; and
an influencing part that influences a talk signal in one mixing system to a monitor signal
in another mixing system if said plurality of said mixing systems are found capable of operating in a
cooperative manner.

46 (new): The total mixing system according to claim 43,
wherein the total mixing system includes a plurality of mixing systems which are
interconnected to each other, each mixing system being capable of outputting a talkback signal, and
wherein the total mixing system further comprises:
a determination part that determines whether said plurality of said mixing systems can
operate in a cooperative manner with one another; and
an output part that mixes the talkback signal in one mixing system with the talkback
signal in another mixing system and outputs a resultant mixed signal as a talkback output signal in
the respective mixing systems if said plurality of said mixing systems are found capable of operating
in a cooperative manner.

47 (new): The total mixing system according to claim 43,
wherein the total mixing system includes a plurality of mixing systems each having a
digital mixer for mixing input signals of audio, and
wherein one of the plurality of the mixing systems comprises:
a control part that controls a mixing process of one digital mixer;
a first adding part that adds a plurality of input signals and outputs an input added signal;
a cascade output part that outputs said input added signal as a cascade signal;
a cascade input part that inputs another cascade signal inputted from another digital
mixer;
a delay part that delays said input added signal; and
a second adding part that adds said delayed input added signal and said inputted cascade
signal with each other and outputs the resultant added signal as a mixing output signal.